



12/27 04CO #4  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Beghdad AYAD

SERIAL NO.: 09/713,524

EXAMINER:

FILING DATE: 11/15/00

ART UNIT:

TITLE: A NOISE SUPPRESSOR

ATTORNEY DOCKET NO.: 442-009966-US(PAR)

The Commissioner of Patents and Trademarks

Washington, D.C. 20231

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Dear Sir:

The following information is being disclosed to the Patent and Trademark Office as information that may be material to the examination of the above-identified patent application.

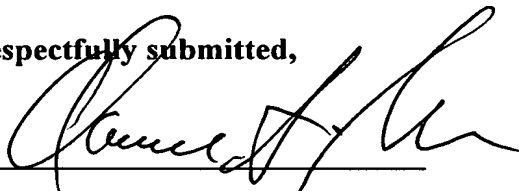
This Supplemental Information Disclosure Statement is being filed within three months of the filing date of the above-identified patent application. Thus, a certification under 37 CFR 1.97(e) or fee under 37 CFR 1.17(p) is not required for the information herein to be considered.

The above-identified patent application claims priority to Finnish Patent Application No. FI 19992453 filed 15 November 1999. Applicant's attorney encloses a copy of Finnish Office Action issued on the priority Finnish Patent Application No. FI 19992453. The Finnish Office Action cited United States Patent Nos. 5,706,395 and 5,768,473. Applicant's attorney also encloses copies of "Suppression of Acoustic Noise in Speech Using Spectral Subtraction" by Steven F. Boll, IEEE Transactions on Acoustics, Speech, and Signal Processing, vol ASSp-27, No. 2, April 1979, pages 113-121 and "The Use of Fast Fourier Transform for the Estimation of Power Spectra: A Method Based on Time

**Averaging Over Short, Modified Periodograms” by Peter D. Welch, IEEE Transactions on Audio and Electroacoustics, vol. AU-15, No. 2, June 1967, pages 70-73, which were cited in the specification of the above-identified patent application.**

**Copies of the Finnish Office Action and the cited references are enclosed together with PTO-Form 1449.**

**Respectfully submitted,**



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*12 Jan 2001*

**Date**

### **CERTIFICATE OF MAILING**

**I hereby certify that the attached Supplemental Information Disclosure Statement, Finnish Office Action, PTO-Form 1449 and references are being deposited with the United States Postal Service as first class mail on the date shown below in an envelope addressed to: Commissioner of Patents and Trademarks, Washington, D.C. 20231.**

*1/12/01*

**Date**

*Deborah J. Clark*

**Name of Person Making Deposit**